

**Case 3686*****Bulimus rupestris* Philippi, 1836 (Gastropoda, Stylommatophora, CHONDRINIDAE): proposed conservation of the specific name**

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**Abstract.** The purpose of this application, under Article 23.9.5 of the Code, is to conserve the specific name of the terrestrial snail *Bulimus rupestris* Philippi, 1836 (currently *Rupestrella rupestris*, CHONDRINIDAE), originally published as a junior primary homonym of *Bulimus rupestris* Krynicky, 1833 (currently classified in the genus *Peristoma*, ENIDAE) by ruling under the plenary power to disregard their primary homonymy.

**Keywords.** Nomenclature; taxonomy; Gastropoda; Stylommatophora; CHONDRINIDAE; ENIDAE; *Bulimus*; *Rupestrella*; *Peristoma*; *Bulimus rupestris*; *Rupestrella rupestris*; *Peristoma rupestre*; terrestrial snail; Europe.

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1. *Bulimus rupestris* Philippi, 1836 (p. 141), established for an Italian gastropod of the CHONDRINIDAE, type species of *Rupestrella* Monterosato, 1894, and *Bulimus rupestris* Krynicky, 1833 (p. 413) (currently *Peristoma rupestre*; ENIDAE) established for a gastropod from Crimea (Ukraine), are primary homonyms (Articles 53.3 and 57.2 of the Code). Both names are well-established and their identities are not disputed (Manganelli et al., 1995; Sysoev & Schileyko, 2009; Balashov & Gural-Sverlova, 2012; Welter-Schultes, 2012).

2. The next available name that can be used for the Italian species is *Granopupa coloba* Pilsbry, 1918 (p. 352), which is currently in use for the subspecies *Rupestrella rupestris coloba* (see Beckmann, 2002). Therefore replacing the current species name would have the potential to cause confusion in the nomenclature of its subspecies.

3. *Peristoma rupestre* (Krynicky, 1833) is a well-established name of a Crimean endemic species. After a brief survey of literature we have found 27 sources by 24 authors (including co-authors) in the last 50 years (1972–2013) where this name was used (most of them are listed in references of Balashov & Gural-Sverlova, 2012 and Sverlova et al., 2006). Probably several more sources could be found.

4. *Rupestrella rupestris* (Philippi, 1836) is a less used name. The narrow range of this species is limited to the western part of Sicilia. We only found 11 references by 22 authors in the last 50 years (Alzona, 1971; Gittenberger, 1973; Pintér & Szigethy, 1976; Manganelli et al., 1995; Cossignani & Cossignani, 1995; Beckmann, 1997, 2002;

Lo Brano & Sparacio, 2006; Kokshoorn & Gittenberger, 2010; Liberto et al., 2010; Renda et al., 2011).

5. The two species under consideration have not been considered congeneric after 1899 and were both placed in *Bulimus* only for three years in the 1830s. Rossmässler (1839) placed *Bulimus rupestris* Philippi, 1836 in *Pupa* Draparnaud, 1801 and after that this name was never classified in *Bulimus* again. *Bulimus rupestris* Krynicky, 1833 remained in *Bulimus* until the 1880s. It was placed in *Buliminus* Beck, 1837 by Retowski (1883) and remained there for more than 50 years; later the species has been referred to *Peristoma* Krynicky, 1833. These two species belong to two different Palearctic families of Orthurethra, CHONDRINIDAE and ENIDAE and are distinct at superfamilial level. Their shells look very different and cannot be confounded in museum collections.

6. Nomenclatural stability in this case would be best achieved by disregarding the primary homonymy.

7. Using the name *Granopupa coloba* Pilsbry, 1918 for the Italian species would be a possible solution, but since *Bulimus rupestris* Philippi, 1836 has been used in the recent literature and together with the names of the subspecies we would prefer to conserve its usage.

8. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to rule that the name *rupestris* Philippi, 1836, as published in the binomen *Bulimus rupestris*, is not invalid by reason of being a junior primary homonym of *rupestris* Krynicky, 1833, as published in the binomen *Bulimus rupestris*;
- (2) to place on the Official List of Specific Names in Zoology the name *rupestris* Philippi, 1836, as published in the binomen *Bulimus rupestris*, with the endorsement that it shall not be invalid by reason of being a junior primary homonym of *rupestris* Krynicky, 1833, as published in the binomen *Bulimus rupestris*.

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